Department of Physics

Faculty of Science / University of Peradeniya



Dr. E.N. Jayaweera

B.Sc., Ph.D. (Perad.)

Senior Lecturer

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About Me

I received my B.Sc. (Special Degree in Physics) in 2010, and my Ph.D. in 2016 from the University of Peradeniya, Sri Lanka. I worked as a Postdoctoral Researcher at the Department of Electrical and Computer Engineering, Sungkyunkwan University in South Korea from 2017 to 2019. I then worked as a Postdoctoral Researcher at Sri Lanka Technological Campus from 2019 to 2020. I joined the Department of Physics in December 2020.
My research interests include dye-sensitized solar cells and micro-scale energy harvesting.

Higher Education Qualifications

BSc

University of Peradeniya
Sri Lanka
(2010)

PhD

University of Peradeniya
Sri Lanka
(2016)

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Awards, Scholarships, Memberships & Fellowships



President’s Award for Scientific Publications (for 2014 and 2015)

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Positions Held

- Secretary, Physics Departmental Committee- (2021-2022)
- Postdoctoral Researcher at Sungkyunkwan University, South Korea- (2017-2019)
- Postdoctoral Researcher at Sri Lanka Technological Campus- (2019-2020)

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My Teachings

- AS463: Energy; Sources and Conservation
- PH366: Physics of Atmosphere Weather and Climate
- PH374: Experimental Techniques and Material Characterization
- PH455: Polymer Physics
- PHY2112: Vibration and Waves
- PHY3602: Solid State Physics I
- PHY3872: Introductory Nanoscience

Research Interests (Research Fields/ Projects)

Dye-sensitized Solar Cells, Triboelectric Nanogenerators

Ongoing Research and Projects

Nothing to show under this subheading !!!

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Key Publications

Nothing to show under this subheading !!!

Conferences

Nothing to show under this subheading !!!

My Publications

Please goto the website.

https://sci.pdn.ac.lk/physics/staff/Eranji-Jayaweera

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